

**NOVEL TELOMERASE INHIBITORS AND USES THEREFOR**

**ABSTRACT**

5       The present invention provides molecules including Pin2 and telomerase binding polypeptides, polynucleotides encoding such polypeptides, and antibodies specifically immunoreactive to said polypeptides. The invention also provides methods for screening agents which modulate the function or expression of said Pin2 and telomerase binding polypeptides. Methods are provided for disease diagnosis and treatment using said agents, said antibodies and oligonucleotides derived from the above polynucleotides.